APPLICANT FACSIMILE OF FORM PTO-1449  
REV 7-80U.S. DEPARTMENT OF COMMERCE  
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ATTY DOCKET NO.

SERIAL NO.

CPI-042CPUS

09/403,075

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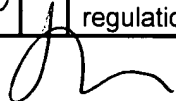

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TR	A1	5,405,941	04/11/95	Johnson	530	350	
TR	A2	5,854,043	10/14/94	Johnson	435	194	
TR	A3	5,753,446	05/19/98	Johnson	435	7.1	
TR	A4	5,981,265	11/99	Johnson	435	254.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCL ASS	TRANSLATION YES NO
TR	A5	WO 94/24159 A1	10/27/94	PCT			
TR	A6	WO 95/28421 A1	10/26/95	PCT			
TR	A7	WO 97/40145 A1	10/97	PCT			
TR	A8	WO 97/35014 A1	09/97	PCT			

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	A9	Avdi, N.J., Winston, B.W., Russel, M., Young, S.K., Johnson, G.L., and Worthen, G.S. (1996). Activation of MEKK by Formyl-methionyl-leucyl-phenylalanine in Human Neutrophils. Mapping pathways for mitogen-activated protein kinase activation. <i>J. Biol. Chem.</i> 271, 33598-33606;
	A10	Baeuerle, P.A. and Baltimore, D. (1996). NF-(kappa)β: ten years after. <i>Cell</i> 87, 13-20;
	A11	Beidler, D.R., Tewari, M., Friesen, P.D., Poirier, G., and Dixit, V.M. (1996). The baculovirus p35 protein inhibits Fas- and tumor necrosis factor-induced apoptosis. <i>J. Biol. Chem.</i> 270, 16526-16528;
	A12	Blank, J.L., Gerwins, P., Elliott, E.M., Sather, S., and Johnson, G.L. (1996). Molecular cloning of mitogen-activated protein/ERK kinase kinases (MEKK) 2 and 3. Regulation of sequential phosphorylation pathways involving mitogen-activated protein kinase and c-Jun kinase. <i>J. Biol. Chem.</i> 271, 5361-5368;
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	A14	Cardone, M.H., Salvesen, G.S., Widmann, C., Johnson, G., Frisch, S.M. (1997) The regulation of anoikis: MEKK-1 activation requires cleavage by caspases. <i>Cell</i> 90, 315-323;
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B5	Fraser, A. and Evan, G. (1996). A license to kill. <i>Cell</i> 85, 781-784;
B6	Gajewski, T.F. and Thompson, C.B. (1996). Apoptosis meets signal transduction: elimination of a BAD influence. <i>Cell</i> 87, 589-592;
B7	Gardner, A.M. and Johnson, G.L. (1996). Fibroblast growth factor-2 suppression of tumor necrosis factor $\alpha$ -mediated apoptosis requires ras and the activation of mitogen-activated protein kinase. <i>J. Biol. Chem.</i> 271, 14560-14566;
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B9	Genbank Accession Number AAA85038: "MEKK1. (Mus musculus)" (Jan. 1, 1996);
B10	Genbank Accession Number U48596: "Rattus norvegicus MAP kinase kinase kinase 1(MEKK1) mRNA," (June 5, 1996);
B11	Genbank Accession Number AAC52596: "MAP kinase kinase kinase 1. (Rattus norvegicus)," (June 5, 1996);
B12	Genbank Accession Number AB014614, "Mus musculus mRNA for MEKK1 N-terminal," (Oct. 29, 1999);
B13	Genbank Accession Number BAA85878: "MEKK1 N-terminal (Mus musculus)," (Oct. 29, 1999);
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B15	Genbank Accession Number AAD25049: "MAP kinase kinase kinase 1 (Mus musculus)," (April 14, 1999);
B16	Genbank Accession Number L13103: "Mus musculus MEK kinase mRNA," (April 18, 1996);
B17	Genbank Accession Number AAA97500: "MEK Kinase (Mus Musculus)," (April 18, 1996);
B18	Genbank Accession Number AF042838: "Homo sapiens MEK kinase 1 (MEKK1) mRNA," (Dec. 18, 1998);

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C1	Genbank Accession Number AAC97073: "MEK kinase 1. (Homo sapiens)" (Dec. 17, 1998);
C2	Genbank Accession Number NP_006600: "Mitogen-activated protein kinase kinase kinase 2. (Homo sapiens)" (Sept. 16, 1999);
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C5	Howard, A.D., Kostura, M.J., Thornberry, N., Ding, G.J.-F., Limjuco, G., Weidner, J., Salley, J.P., Hogquist, K.A., Chaplin, D.D., Mumford, R.A., Schmidt, J.A., and Tocci, M.J. (1991). IL-1-converting enzyme requires aspartic acid residues for processing of the IL-1 $\beta$ precursor at two distinct sites and does not cleave 31-kDa IL-1 $\alpha$ . <i>J. Immunol.</i> 147, 2964-2969;
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C7	Johnson, N. L. et al., "Signal transduction pathways regulated by mitogen-activated/extracellular response kinase kinase kinase induce cell death," <i>Journal of Biological Chemistry</i> 271(6):3229-37 (1996);
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②	D5	Nicholson, D.W., Ali, A., Thornberry, N.A., Vaillancourt, J.P., Ding, C.K., Gallan, M., Gareau, Y., Griffin, P.R., Labelle, M., Lazebnik, Y.A., Munday, N.A., Raju, S.M., Smulson, M.E., Yamin, T.-T., Yu, V.L., and Miller, D.K. (1995). Identification and inhibition of the ICE/CED-3 protease necessary for mammalian apoptosis. <i>Nature</i> 376, 37-43;
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②	D13	SWISS-PROT Accession No.: Q62925; MAPK/ERK KINASE 1 (MEK KINASE 1) (MEKK 1).
②	D14	Tsubata, T., Wu, J., and Honjo, T. (1993). B-cell apoptosis induced by antigen receptor crosslinking is blocked by a T-cell signal through CD40. <i>Nature</i> 364, 645-648;
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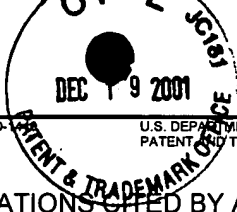
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	E1	Widmann, C., Gibson, S., Johnson, G.L. (1998) Caspase-dependent cleavage of signaling proteins during apoptosis. A turn-off mechanism for anti-apoptotic signals. <i>J. Biol. Chem.</i> 273, 7141-7147;
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